

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036670.D
 Acq On : 17 Mar 2025 22:15
 Operator : RC/JU
 Sample : Q1582-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313

Quant Time: Mar 18 00:56:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

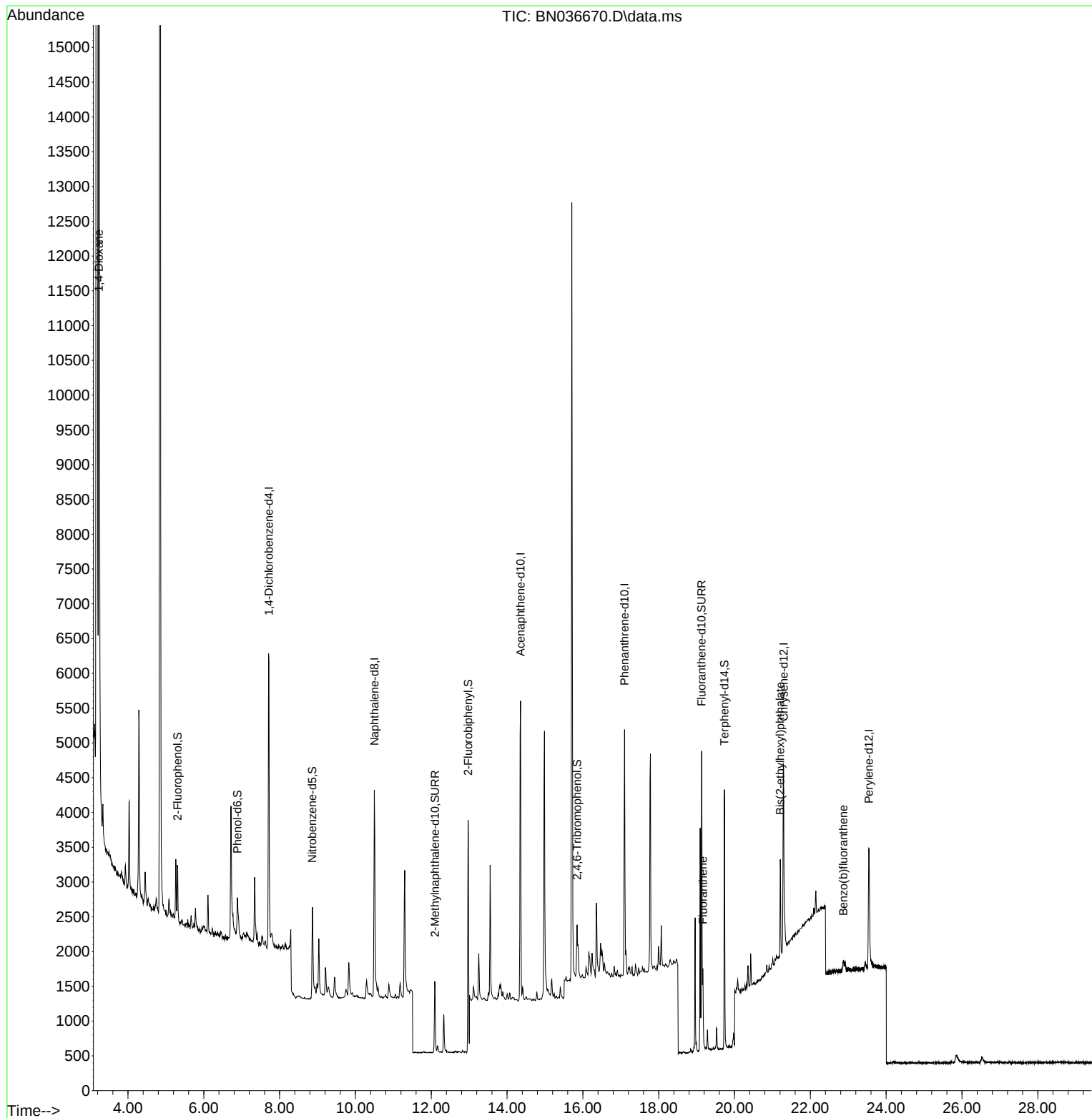
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4240	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2511	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4784	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3199	0.400	ng	0.00
35) Perylene-d12	23.543	264	2740	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	589	0.145	ng	0.00
5) Phenol-d6	6.887	99	411	0.082	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1227	0.266	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1567	0.248	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	414	0.363	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	3893	0.267	ng	-0.02
27) Fluoranthene-d10	19.132	212	5011	0.409	ng	0.00
31) Terphenyl-d14	19.731	244	3506	0.457	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.232	88	19588	10.154	ng	95
28) Fluoranthene	19.164	202	340	0.021	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.205	149	1463	0.185	ng	# 95
37) Benzo(b)fluoranthene	22.873	252	239	0.024	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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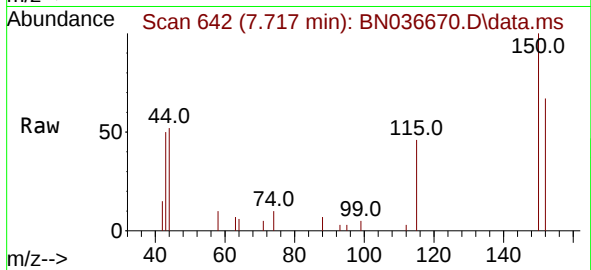
Quant Time: Mar 18 00:56:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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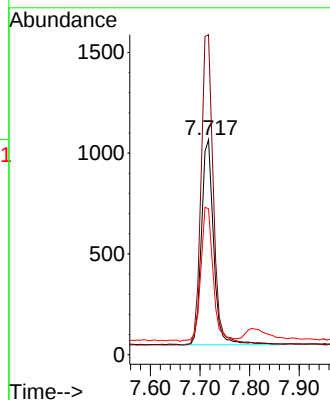
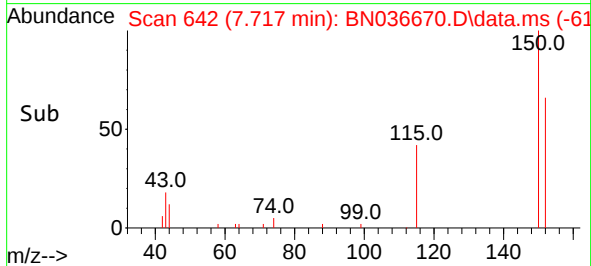


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313

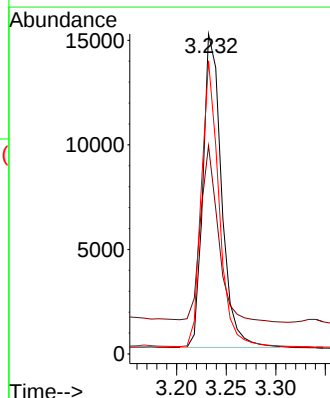
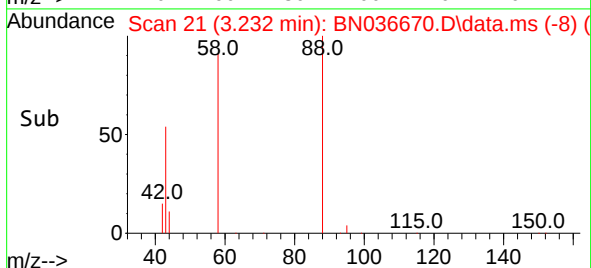
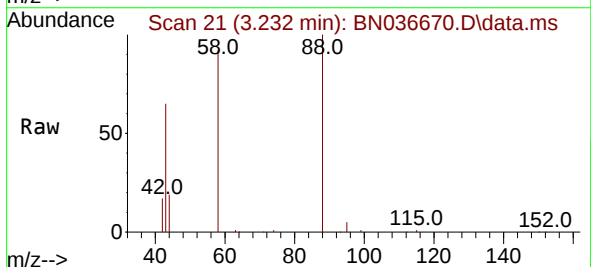


Tgt Ion:152 Resp: 1739
 Ion Ratio Lower Upper
 152 100
 150 148.8 123.7 185.5
 115 67.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 10.154 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Tgt Ion: 88 Resp: 19588
 Ion Ratio Lower Upper
 88 100
 43 53.9 37.8 56.8
 58 86.1 67.4 101.2

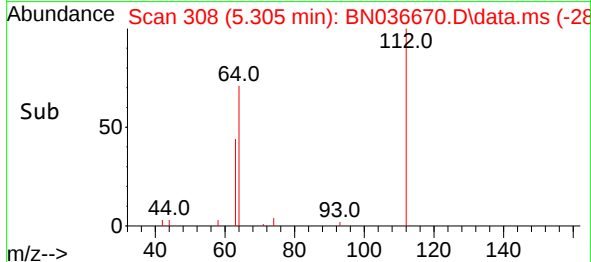
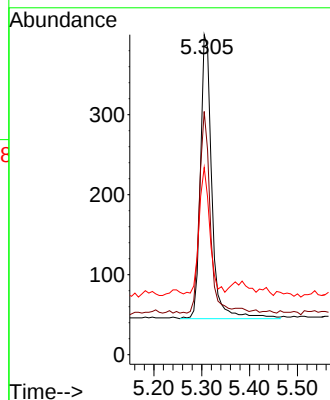
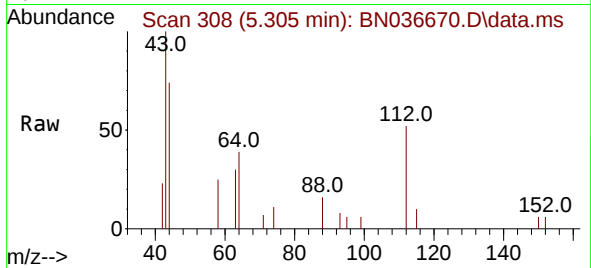




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

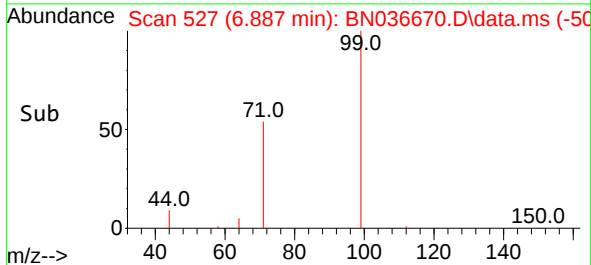
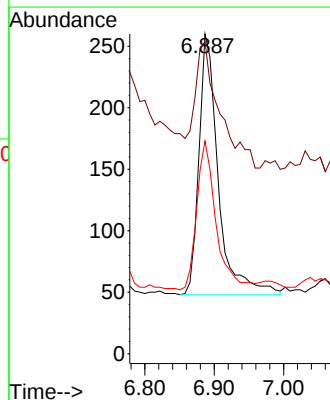
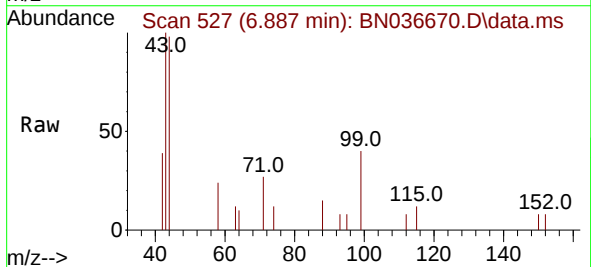
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:112 Resp: 589
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 43.3 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 61.8 26.5 39.7#
71 57.2 34.1 51.1#

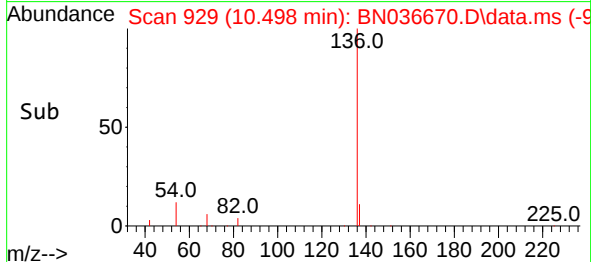
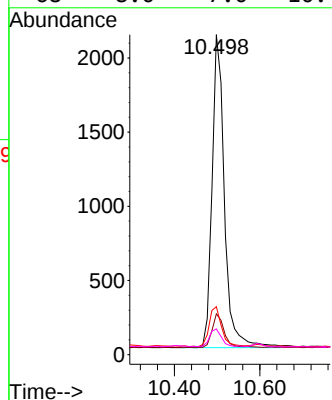
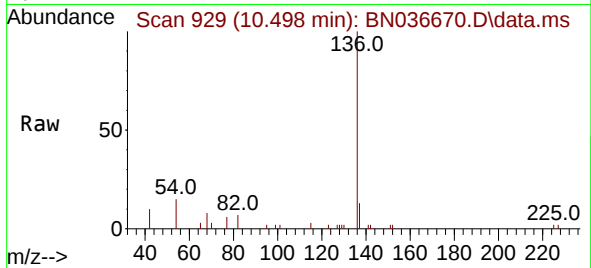




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

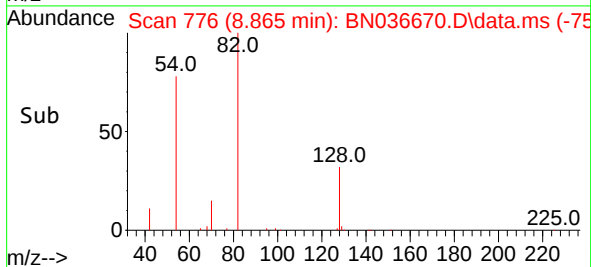
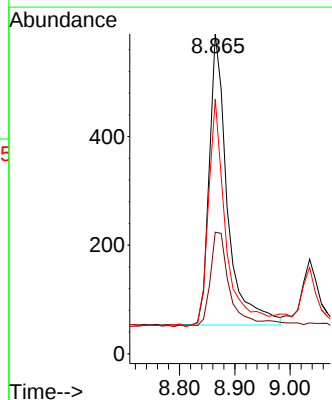
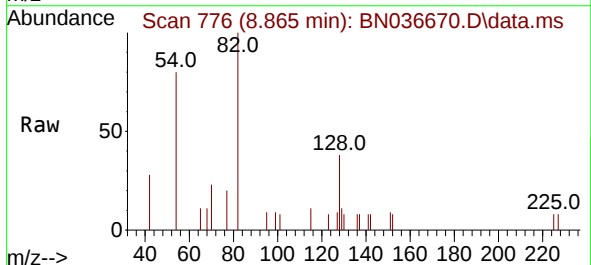
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:	136	Resp:	4240
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	15.0	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:	82	Resp:	1227
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	79.6	52.2	78.4

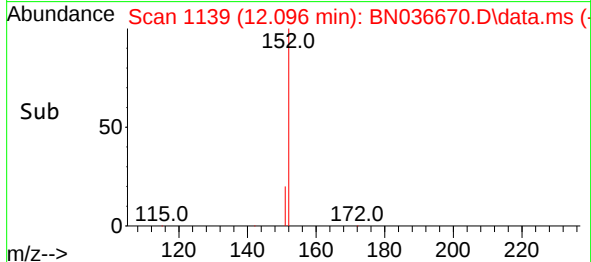
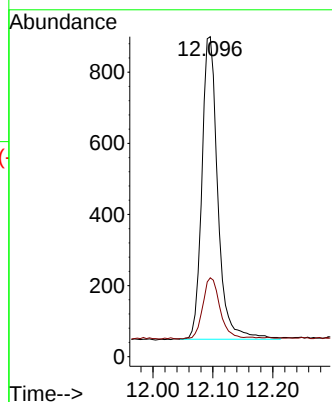
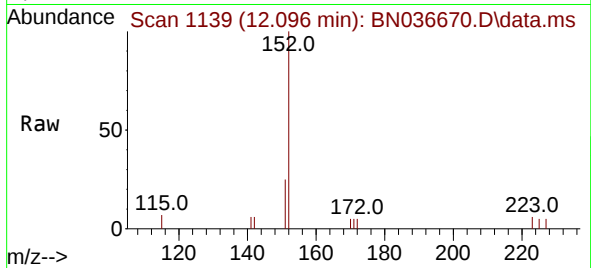




#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

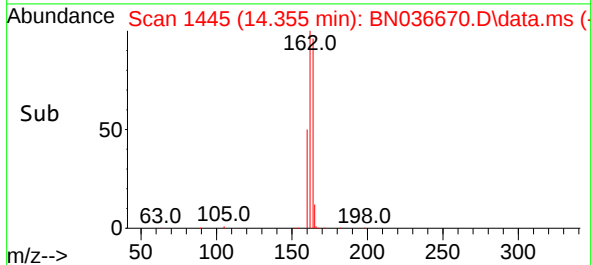
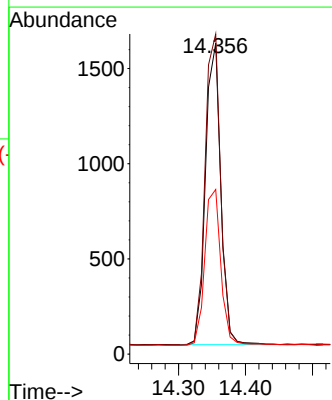
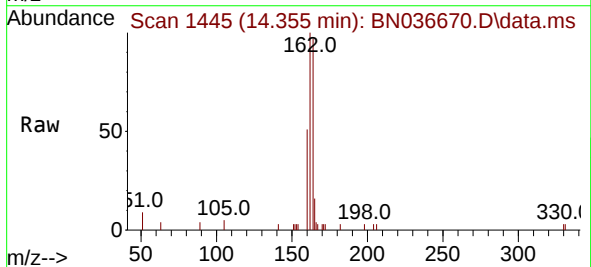
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:152 Resp: 1567
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

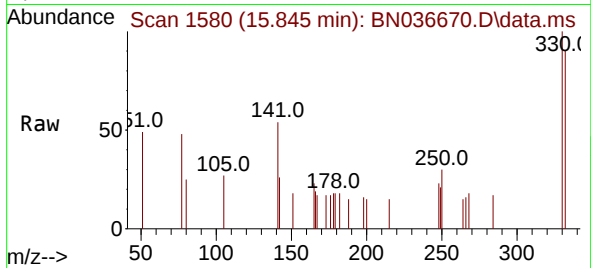
Tgt Ion:164 Resp: 2511
Ion Ratio Lower Upper
164 100
162 103.0 84.2 126.2
160 53.0 42.2 63.2



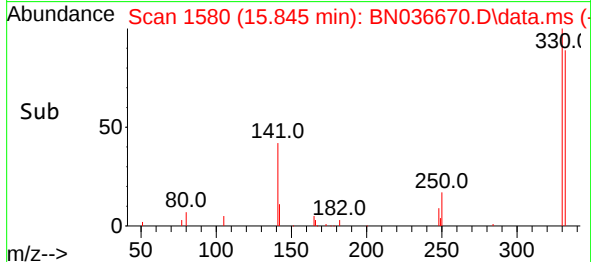
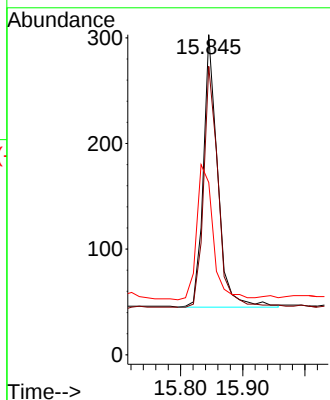


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

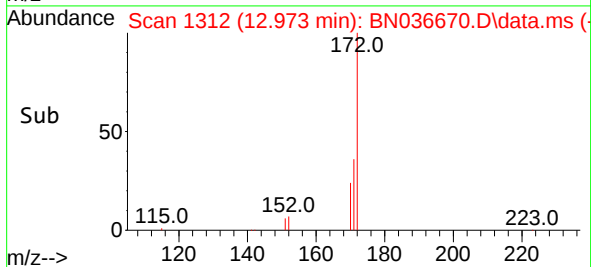
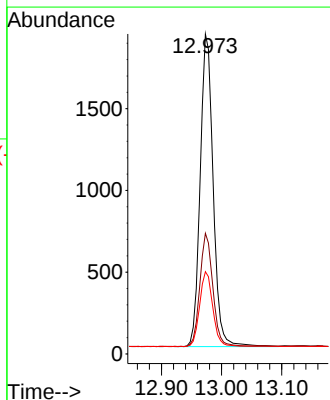
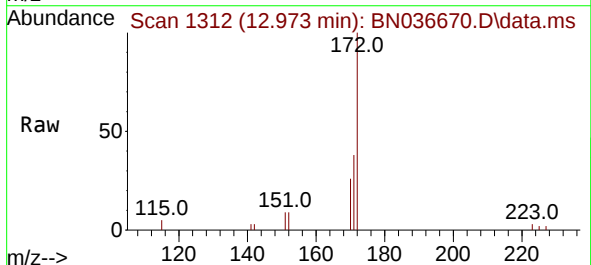


Tgt Ion:330 Resp: 414
Ion Ratio Lower Upper
330 100
332 90.3 75.2 112.8
141 57.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.015 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:172 Resp: 3893
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.7 20.2 30.4

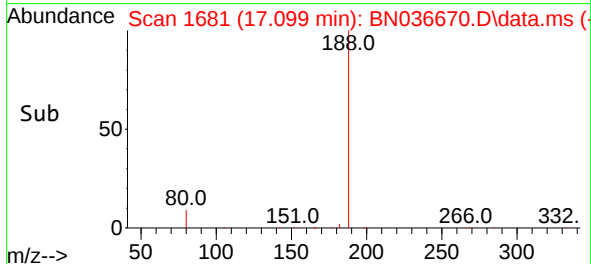
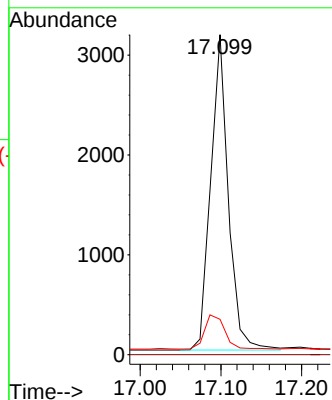
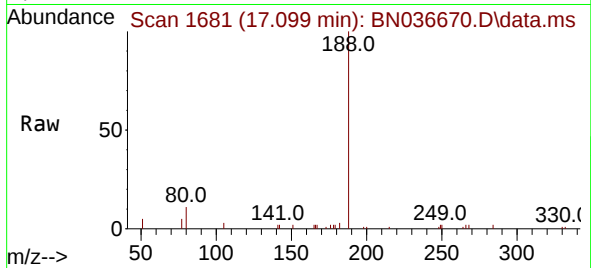




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

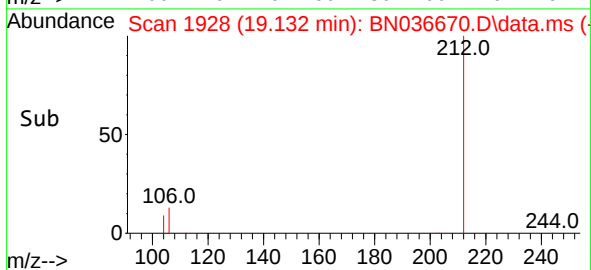
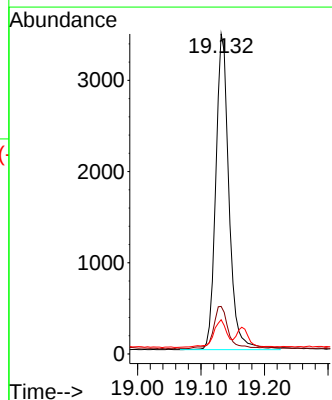
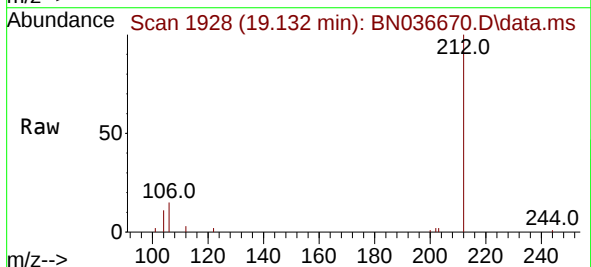
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

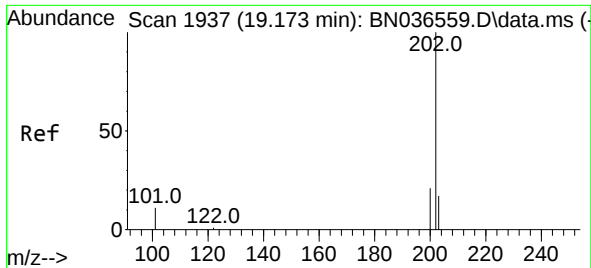
Tgt Ion:188 Resp: 4784
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:212 Resp: 5011
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 9.1 7.3 10.9

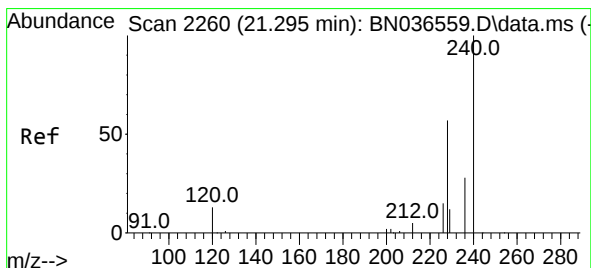
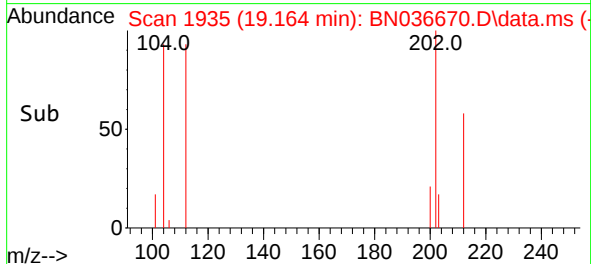
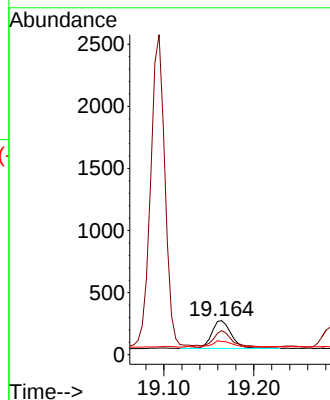
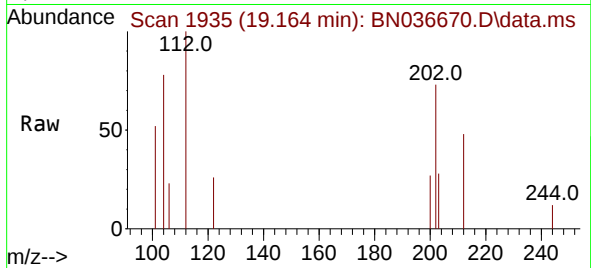




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

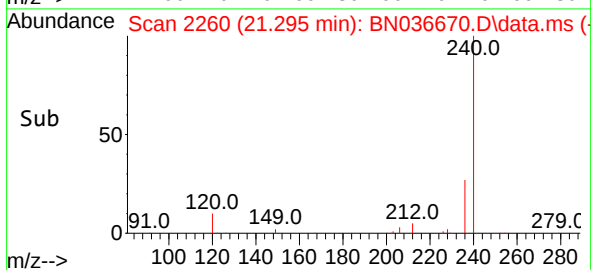
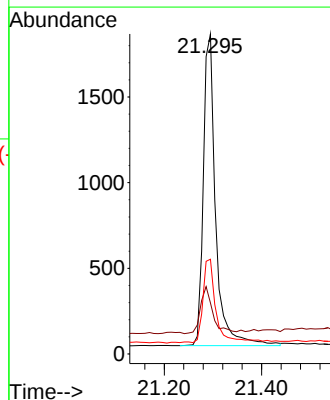
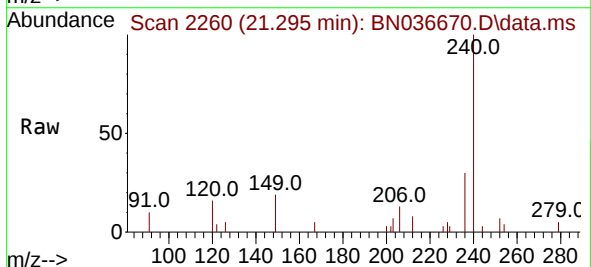
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:202 Resp: 340
Ion Ratio Lower Upper
202 100
101 53.5 9.4 14.0#
203 20.9 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:240 Resp: 3199
Ion Ratio Lower Upper
240 100
120 16.0 14.6 22.0
236 29.6 24.1 36.1

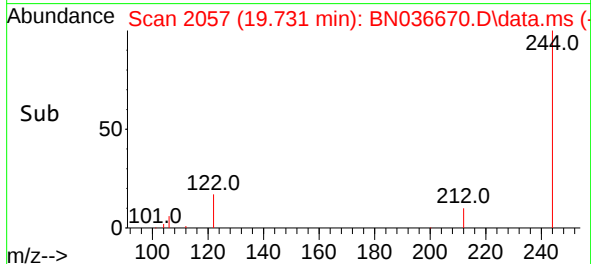
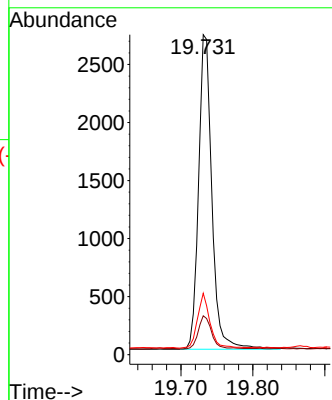
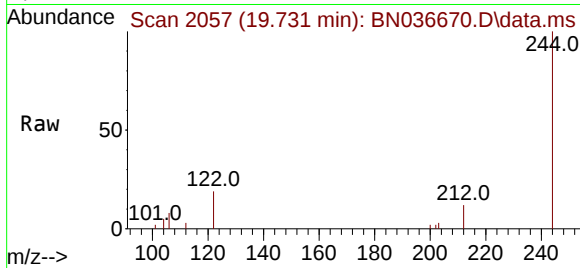




#31
 Terphenyl-d14
 Concen: 0.457 ng
 RT: 19.731 min Scan# 2060
 Delta R.T. -0.014 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

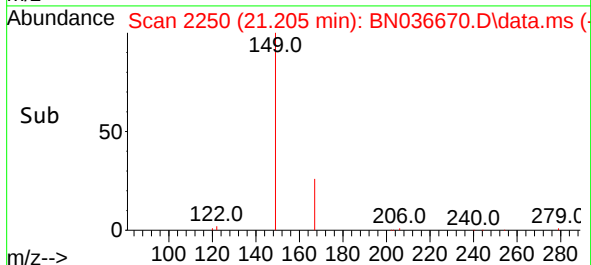
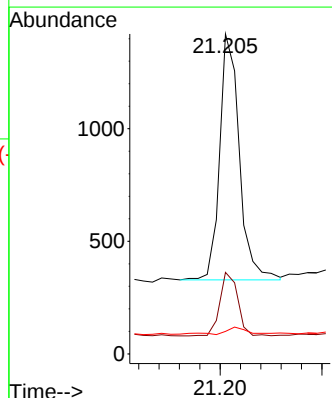
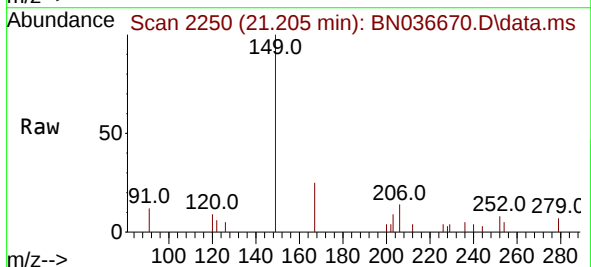
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 RE131D2-20250313

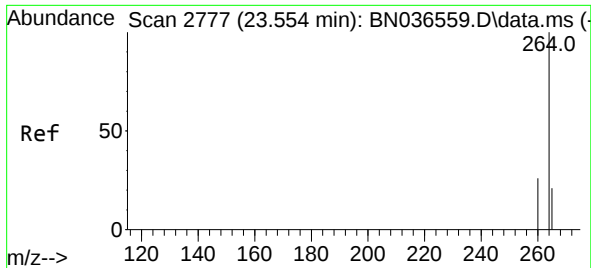
Tgt Ion:244 Resp: 3506
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.6 14.4
 122 19.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.185 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Tgt Ion:149 Resp: 1463
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.7 31.1
 279 2.9 3.6 5.4#

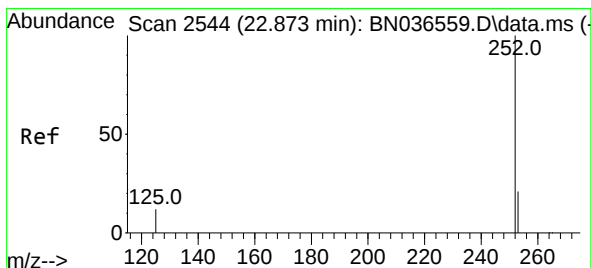
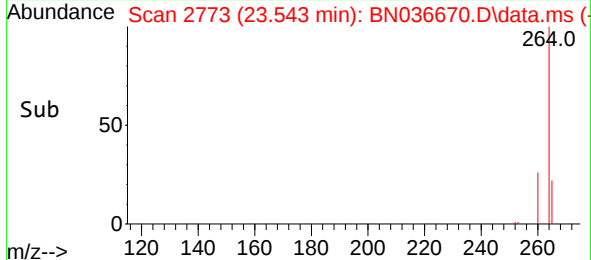
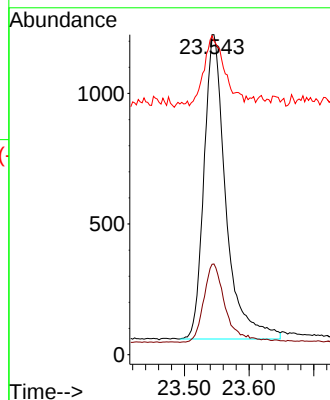
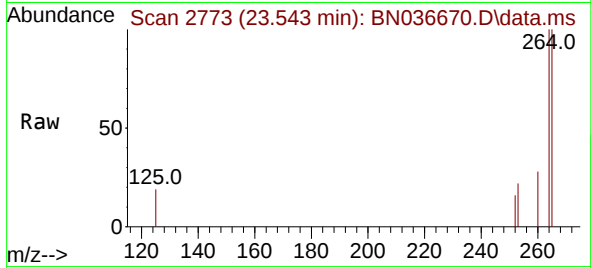




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313

Tgt Ion:264 Resp: 2740
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.6 33.8
 265 99.7 88.1 132.1



#37
 Benzo(b)fluoranthene
 Concen: 0.024 ng
 RT: 22.873 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Tgt Ion:252 Resp: 239
 Ion Ratio Lower Upper
 252 100
 253 95.8 23.9 35.9#
 125 85.8 17.4 26.2#

